

Title (en)

METHOD FOR PERFORMING CHANNEL USAGE MANAGEMENT WITH AID OF MULTI-LINK OPERATION ARCHITECTURE, AND ASSOCIATED APPARATUS

Title (de)

VERFAHREN ZUR DURCHFÜHRUNG VON KANALNUTZUNGSVERWALTUNG MITHILFE EINER MULTILINK-BETRIEBSARCHITEKTUR UND ZUGEHÖRIGE VORRICHTUNG

Title (fr)

PROCÉDÉ DE RÉALISATION D'UNE GESTION D'UTILISATION DE CANAL À L'AIDE D'UNE ARCHITECTURE D'OPÉRATION À LIAISONS MULTIPLES, ET APPAREIL ASSOCIÉ

Publication

EP 4280764 A1 20231122 (EN)

Application

EP 23172559 A 20230510

Priority

- US 202263342644 P 20220517
- US 202318142586 A 20230503

Abstract (en)

A method for performing channel usage management with aid of multi-link operation architecture and associated apparatus are provided. The method applicable to a wireless transceiver device within a wireless communications system may include: utilizing the wireless transceiver device to communicate with another device within the wireless communications system through at least one portion of multiple links respectively corresponding to multiple predetermined radio frequency bands (S70); and at first time point when radar is detected in a first channel used by a first link among the multiple links, starting performing a first procedure to make channel management information be received by the other device via one or more other links among the multiple links at any time point when the other device is ready to receive the channel management information (S71), wherein the other device is not ready to receive the channel management information at the first time point.

IPC 8 full level

H04W 72/0453 (2023.01); **H04W 48/08** (2009.01); **H04W 76/15** (2018.01); **H04W 88/10** (2009.01); **H04W 16/14** (2009.01); **H04W 52/02** (2009.01); **H04W 84/12** (2009.01)

CPC (source: EP US)

H04L 5/0053 (2013.01 - EP); **H04L 5/0091** (2013.01 - EP); **H04L 27/0006** (2013.01 - EP); **H04W 52/0216** (2013.01 - US); **H04W 52/0238** (2013.01 - US); **H04W 72/0453** (2013.01 - EP); **H04W 76/15** (2018.02 - EP); **H04W 88/10** (2013.01 - EP); **H04W 16/14** (2013.01 - EP); **H04W 84/12** (2013.01 - EP US)

Citation (search report)

- [Y] US 2021274500 A1 20210902 - CARIOU LAURENT [US], et al
- [Y] "IEEE Standard for Information Technology--Telecommunications and Information Exchange between Systems - Local and Metropolitan Area Networks--Specific Requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications ; IEEE Std 802.11-2020 (Revision of IEEE Std", 25 February 2021 (2021-02-25), pages 1 - 4379, XP068178653, ISBN: 978-1-5044-7283-8, Retrieved from the Internet <URL:https://ieeexplore.ieee.org/document/9363693> [retrieved on 20210301], DOI: 10.1109/IEEESTD.2021.9363693

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4280764 A1 20231122; TW 202348076 A 20231201; US 2023413175 A1 20231221

DOCDB simple family (application)

EP 23172559 A 20230510; TW 112118336 A 20230517; US 202318142586 A 20230503